

Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A cover authoring tool, comprising:
an interface that receives ~~configured to receive~~ size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension, and receives ~~to receive~~ content information for at least a front region and a spinal region of a cover to be attached to the perfectly bound book; and
a cover content layout engine that composes ~~configured to compose~~ a final content layout for the cover, wherein the cover content layout engine scales ~~by scaling~~ content received for the front cover region and formats ~~formatting~~ content received for the spinal region of the cover to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface.

Claim 2 (currently amended): The cover authoring tool of claim 1, wherein the cover content layout engine computes ~~is configured to compute~~ a thickness dimension of the perfectly bound book from the received document size information.

Claim 3 (original): The cover authoring tool of claim 2, wherein the received document size information includes type of paper and number of pages in the perfectly bound book.

Claim 4 (original): The cover authoring tool of claim 1, wherein the received cover content information includes graphical content and textual content.

Claim 5 (original): The cover authoring tool of claim 4, wherein the interface comprises a graphical user interface through which a user may specify content and content layout for the cover.

Claim 6 (currently amended): The cover authoring tool of claim 5, wherein the graphical user interface presents ~~is configured to present~~ multiple pre-generated cover styles for selection by the user.

Claim 7 (currently amended): The cover authoring tool of claim 6, wherein the cover content layout engine composes ~~is configured to compose~~ the final content layout for the cover based upon a pre-generated cover style selected by the user.

Claim 8 (currently amended): A cover authoring tool, comprising:
an interface that receives ~~configured to receive~~ size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension, and receives ~~to receive~~ content information for a cover to be attached to the perfectly bound book, wherein the received cover content information includes graphical content and textual content and the interface comprises a graphical user interface through which a user may specify content and content layout for the cover, wherein the graphical user interface presents ~~being configured to present~~ multiple pre-generated cover styles for selection by the user; and

a cover content layout engine that composes ~~configured to compose~~ a final content layout for the cover, including spinal content formatted to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface, wherein the cover content layout engine conforms ~~is configured to conform~~ a spinal region of the selected pre-generated cover style to the width dimension of the book spine and composes ~~to compose~~ the final content layout for the cover based upon a pre-generated cover style selected by the user.

Claim 9 (currently amended): The cover authoring tool of claim 1, wherein the cover content layout engine selects ~~is configured to select~~ typeface parameter values for spinal text content consisting of a number of characters.

Claim 10 (currently amended): A cover authoring tool, comprising:

an interface that receives ~~configured to receive~~ size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension, and receives ~~to receive~~ content information for a cover to be attached to the perfectly bound book; and

a cover content layout engine that composes ~~configured to compose~~ a final content layout for the cover, including spinal content formatted to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface, wherein the cover content layout engine selects ~~is configured to select~~ typeface parameter values for spinal text content consisting of a number of characters based at least in part upon the number of characters of spinal text content and the height and width dimensions of the book spine.

Claim 11 (original): The cover authoring tool of claim 9, wherein values are selected for one or more of the following typeface parameters: font size, spread, stretch font variation, and font weight.

Claim 12 (currently amended): The cover authoring tool of claim 9, wherein the cover content layout engine selects a typeface parameter value ~~is selected~~ for a stretch font variation ~~selected~~ from the group consisting of a regular font face, a condensed font face, an expanded font face, and multiple master typeface.

Claim 13 (previously presented): A cover authoring method, comprising:
receiving size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension;
receiving content information for at least a front region and a spinal region of a cover to be attached to the perfectly bound book; and
composing a final content layout for the cover by scaling content received for the front cover region and formatting content received for the spinal region of the cover to accommodate the width and height dimensions of the book spine based upon the received document size information and the received cover content information.

Claim 14 (previously presented): The cover authoring method of claim 13, further comprising computing a thickness dimension of the perfectly bound book from the received document size information.

Claim 15 (original): The cover authoring method of claim 13, further comprising presenting multiple pre-generated cover styles for selection by a user.

Claim 16 (original): The cover authoring method of claim 15, wherein the final content layout for the cover is composed based upon a pre-generated cover style selected by the user.

Claim 17 (original): The cover authoring method of claim 13, further comprising selecting typeface parameter values for spinal text content consisting of a number of characters.

Claim 18 (previously presented): A cover authoring method, comprising:
receiving size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension;
receiving content information for a cover to be attached to the perfectly bound book;
composing a final content layout for the cover, including spinal content formatted to accommodate the width and height dimensions of the book spine based upon the received document size information and the received cover content information; and
selecting typeface parameter values for spinal text content consisting of a number of characters, wherein the typeface parameter values are selected based at least in part upon the number of characters of spinal text content and the height and width dimensions of the book spine.

Claim 19 (previously presented): A cover authoring method, comprising:
receiving size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension;
receiving content information for a cover to be attached to the perfectly bound book;

composing a final content layout for the cover, including spinal content formatted to accommodate the width and height dimensions of the book spine based upon the received document size information and the received cover content information; and

selecting typeface parameter values for spinal text content consisting of a number of characters, wherein values are selected for one or more of the following typeface parameters: weight axis, width axis, style axis, and optical size axis.

Claim 20 (currently amended): A bookbinding system, comprising:

a sheet composer that formats ~~configured to format~~ a document to be bound into a perfect bound and prints ~~to print~~ the formatted document onto two or more sheets;

a sheet binder that forms ~~configured to form~~ from the two or more printed sheets a text body having an exposed spine characterized by a width dimension and a height dimension;

a cover authoring tool comprising

an interface that receives ~~configured to receive~~ size information for the text body, and receives ~~to receive~~ content information for at least a front region and a spinal region of a cover to be attached to the perfectly bound book, and

a cover content layout engine that composes ~~configured to compose~~ a final content layout for the cover, wherein the cover content layout engine scales ~~by scaling~~ content received for the front cover region and formats ~~formatting~~ content received for the spinal region of the cover to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface; and

a cover binder that attaches ~~configured to attach~~ the cover to the text body.

Claim 21 (currently amended): The cover authoring tool of claim 1, wherein the interface additionally receives ~~is further configured to receive~~ content for a back region of the cover, and the cover content layout engine additionally scales ~~is further configured to compose the final content layout for the cover by scaling~~ content received for the back cover region.

Claim 22 (currently amended): The cover authoring tool of claim 21, wherein the interface additionally receives ~~is further configured to receive~~ content for a wrap-around region extending across the front region, the spinal region and the back region of the cover, and the cover content layout engine composes ~~is further configured to compose~~ the final content layout for the cover with wrap-around content disposed in the wrap-around area.

Claim 23 (currently amended): The cover authoring tool of claim 1, wherein the cover content layout engine computes ~~is configured to compute~~ a bounding box having a height dimension and a length dimension fitted to the spinal region of the cover.

Claim 24 (currently amended): The cover authoring tool of claim 23, wherein the cover content layout engine sets ~~is configured to set~~ a height-related typeface parameter for spinal text content to the height dimension of the computed bounding box.

Claim 25 (currently amended): The cover authoring tool of claim 23, wherein the cover content layout engine sets ~~is configured to set~~ a width-related typeface parameter for spinal text content such that the spinal text content extends across a selected proportion of the length dimension of the computed bounding box.

Claim 26 (currently amended): The cover authoring tool of claim 25, wherein the cover content layout engine sets ~~is configured to set~~ a width-related typeface parameter for spinal text content such that the spinal text content extends across 50-75% of the length dimension of the computed bounding box.

Claim 27 (previously presented): The cover authoring method of claim 13, further comprising receiving content for a back region of the cover, and wherein composing the final content layout for the cover comprises scaling content received for the back cover region.

Claim 28 (previously presented): The cover authoring method of claim 27, further comprising receiving content for a wrap-around region extending across the front region, the spinal region and the back region of the cover, and wherein composing the final content layout for the cover comprises disposing wrap-around content in the wrap-around area.

Claim 29 (previously presented): The cover authoring method of claim 13, wherein composing the final content layout comprises computing a bounding box having a height dimension and a length dimension fitted to the spinal region of the cover.

Claim 30 (previously presented): The cover authoring method of claim 29, wherein composing the final content layout comprises setting a height-related typeface parameter for spinal text content to the height dimension of the computed bounding box.

Claim 31 (previously presented): The cover authoring method of claim 29, wherein composing the final content layout comprises setting a width-related typeface parameter for spinal text content such that the spinal text content extends across a selected proportion of the length dimension of the computed bounding box.

Claim 32 (currently amended): The cover authoring system of claim 20, wherein the interface additionally receives ~~is further configured to receive~~ content for a back region of the cover, and the cover content layout engine additionally scales ~~is further configured to compose the final content layout for the cover by scaling~~ content received for the back cover region.

Claim 33 (currently amended): The cover authoring system of claim 32, wherein the interface additionally receives ~~is further configured to receive~~ content for a wrap-around region extending across the front region, the spinal region and the back region of the cover, and the cover content layout engine additionally composes ~~is further configured to compose~~ the final content layout for the cover with wrap-around content disposed in the wrap-around area.

Claim 34 (currently amended): The cover authoring system of claim 20, wherein the cover content layout engine computes ~~is configured to compute~~ a bounding box having a height dimension and a length dimension fitted to the spinal region of the cover.

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Claim 35 (currently amended): The cover authoring system of claim 34, wherein the cover content layout engine sets ~~is configured to set~~ a height-related typeface parameter for spinal text content to the height dimension of the computed bounding box.

Claim 36 (currently amended): The cover authoring system of claim 34, wherein the cover content layout engine sets ~~is configured to set~~ a width-related typeface parameter for spinal text content such that the spinal text content extends across a selected proportion of the length dimension of the computed bounding box.